

ABSTRACT

A method and an apparatus for reliable transmission of a calling subscriber number ("A-number") received at a Gateway Mobile Switching Centre (GMSC) [N-101; N-201] of a home Public Land Mobile Network (PLMN) [N-100; N-200] along with an incoming call [S-300] towards a roaming destination subscriber [N-104; N-204] wherein an entity selected from a GSM network entity [N-102; N-103], an UMTS network entity [N-102; N-103] and/or an Inter-Working Functions [N-300] is interrogated by means of a GSM and/or UMTS MAP operation to retrieve a routing number, and to further reach the roaming subscriber and set up the call; wherein the interrogation of the entity includes extracting the previously received A-number identification at the interrogating network entity; including the A-number identification in the interrogating GSM/UMTS MAP operation [S-175; S-185] at the interrogating network entity; forwarding the interrogation and the A-number identification with the interrogating GSM/UMTS MAP operation [S-175; S-185] to the interrogated entity [N-102; N-103; N-300].

100-5409-121001